



## SEQUENCE LISTING

<110> Schor, Seth Laurence  
Schor, Ana Maria

<120> POLYPEPTIDES, POLYNUCLEOTIDES AND USES  
THEREOF

<130> 350013-72

<140> 09/581,651

<141> 2000-10-10

<160> 15

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<211> 660

<212> PRT

<213> Human

<400> 1

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Leu Asn Met Leu Arg Gly Pro Gly Pro Gly Leu Leu Leu Leu Ala Val  
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Gln Cys Leu Gly Thr Ala Val Pro Ser Thr Gly Ala Ser Lys Ser Lys  
35 40 45  
Arg Gln Ala Gln Gln Met Val Gln Pro Gln Ser Pro Val Ala Val Ser  
50 55 60  
Gln Ser Lys Pro Gly Cys Tyr Asp Asn Gly Lys His Tyr Gln Ile Asn  
65 70 75 80  
Gln Gln Trp Glu Arg Thr Tyr Leu Gly Asn Ala Leu Val Cys Thr Cys  
85 90 95  
Tyr Gly Gly Ser Arg Gly Phe Asn Cys Glu Ser Lys Pro Glu Ala Glu  
100 105 110  
Glu Thr Cys Phe Asp Lys Tyr Thr Gly Asn Thr Tyr Arg Val Gly Asp  
115 120 125  
Thr Tyr Glu Arg Pro Lys Asp Ser Met Ile Trp Asp Cys Thr Cys Ile  
130 135 140  
Gly Ala Gly Arg Gly Arg Ile Ser Cys Thr Ile Ala Asn Arg Cys His  
145 150 155 160  
Glu Gly Gly Gln Ser Tyr Lys Ile Gly Asp Thr Trp Arg Arg Pro His  
165 170 175  
Glu Thr Gly Gly Tyr Met Leu Glu Cys Val Cys Leu Gly Asn Gly Lys  
180 185 190  
Gly Glu Trp Thr Cys Lys Pro Ile Ala Glu Lys Cys Phe Asp His Ala  
195 200 205  
Ala Gly Thr Ser Tyr Val Val Gly Glu Thr Trp Glu Lys Pro Tyr Gln  
210 215 220  
Gly Trp Met Met Val Asp Cys Thr Cys Leu Gly Glu Gly Ser Gly Arg  
225 230 235 240  
Ile Thr Cys Thr Ser Arg Asn Arg Cys Asn Asp Gln Asp Thr Arg Thr  
245 250 255

RECEIVED  
APR 05 2002  
TECH CENTER 1600/2900

Ser Tyr Arg Ile Gly Asp Thr Trp Ser Lys Lys Asp Asn Arg Gly Asn  
 260 265 270  
 Leu Leu Gln Cys Ile Cys Thr Gly Asn Gly Arg Gly Glu Trp Lys Cys  
 275 280 285  
 Glu Arg His Thr Ser Val Gln Thr Thr Ser Ser Gly Ser Gly Pro Phe  
 290 295 300  
 Thr Asp Val Arg Ala Ala Val Tyr Gln Pro Gln Pro His Pro Gln Pro  
 305 310 315 320  
 Pro Pro Tyr Gly His Cys Val Thr Asp Ser Gly Val Val Tyr Ser Val  
 325 330 335  
 Gly Met Gln Trp Leu Lys Thr Gln Gly Asn Lys Gln Met Leu Cys Thr  
 340 345 350  
 Cys Leu Gly Asn Gly Val Ser Cys Gln Glu Thr Ala Val Thr Gln Thr  
 355 360 365  
 Tyr Gly Gly Asn Ser Asn Gly Glu Pro Cys Val Leu Pro Phe Thr Tyr  
 370 375 380  
 Asn Asp Arg Thr Asp Ser Thr Thr Ser Asn Tyr Glu Gln Asp Gln Lys  
 385 390 395 400  
 Tyr Ser Phe Cys Thr Asp His Thr Val Leu Val Gln Thr Arg Gly Gly  
 405 410 415  
 Asn Ser Asn Gly Ala Leu Cys His Phe Pro Phe Leu Tyr Asn Asn His  
 420 425 430  
 Asn Tyr Thr Asp Cys Thr Ser Glu Gly Arg Arg Asp Asn Met Lys Trp  
 435 440 445  
 Cys Gly Thr Thr Gln Asn Tyr Asp Ala Asp Gln Lys Phe Gly Phe Cys  
 450 455 460  
 Pro Met Ala Ala His Glu Glu Ile Cys Thr Thr Asn Glu Gly Val Met  
 465 470 475 480  
 Tyr Arg Ile Gly Asp Gln Trp Asp Lys Gln His Asp Met Gly His Met  
 485 490 495  
 Met Arg Cys Thr Cys Val Gly Asn Gly Arg Gly Glu Trp Thr Cys Ile  
 500 505 510  
 Ala Tyr Ser Gln Leu Arg Asp Gln Cys Ile Val Asp Asp Ile Thr Tyr  
 515 520 525  
 Asn Val Asn Asp Thr Phe His Lys Arg His Glu Glu Gly His Met Leu  
 530 535 540  
 Asn Cys Thr Cys Phe Gly Gln Gly Arg Gly Arg Trp Lys Cys Asp Pro  
 545 550 555 560  
 Val Asp Gln Cys Gln Asp Ser Glu Thr Gly Thr Phe Tyr Gln Ile Gly  
 565 570 575  
 Asp Ser Trp Glu Lys Tyr Val His Gly Val Arg Tyr Gln Cys Tyr Cys  
 580 585 590  
 Tyr Gly Arg Gly Ile Gly Glu Trp His Cys Gln Pro Leu Gln Thr Tyr  
 595 600 605  
 Pro Ser Ser Ser Gly Pro Val Glu Val Phe Ile Thr Glu Thr Pro Ser  
 610 615 620  
 Gln Pro Asn Ser His Pro Ile Gln Trp Asn Ala Pro Gln Pro Ser His  
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 Asn Leu Gly Tyr  
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&lt;400&gt; 2

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&lt;210&gt; 3

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Human

&lt;400&gt; 3

Ile Ser Lys Tyr Ile Leu Arg Trp Arg Pro Val Ser Ile Pro Pro Arg  
 1 5 10 15  
 Asn Leu Gly Tyr  
 20

&lt;210&gt; 4

&lt;211&gt; 21

&lt;212&gt; PRT

&lt;213&gt; Human

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 Tyr Gly Gly Ser Arg  
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<210> 5  
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 <213> Human

<400> 5  
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 <211> 21  
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 <211> 21  
 <212> PRT  
 <213> Human

<400> 8  
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 1 5 10 15  
 Tyr Gly Gly Ser Arg  
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 <211> 39  
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<400> 9

Glu Pro Cys Val Leu Pro Phe Thr Tyr Asn Gly Arg Thr Phe Tyr Ser  
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 Cys Thr Thr Glu Gly Arg Gln Asp Gly His Leu Trp Cys Ser Thr Thr  
 20 25 30  
 Ser Asn Tyr Glu Gln Asp Gln  
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 <211> 21  
 <212> PRT  
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 Gly Ala Leu Cys His  
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<210> 11  
 <211> 21  
 <212> PRT  
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 <211> 20  
 <212> PRT  
 <213> Human

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 1 5 10 15  
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<210> 13  
 <211> 11  
 <212> PRT  
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 1 5 10 15  
 Thr Ser Asn Tyr Glu Gln Asp Gln  
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<210> 15  
 <211> 21  
 <212> PRT  
 <213> Human

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 1 5 10 15  
 Gly Ala Leu Cys His  
 20

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